

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-6 (cancelled).

Claim 7 (new): A multiple differential volume tube measurement quantitative conveying device which includes volume tubes, inlet pipes and outlet pipes, wherein,

there are at least two pieces of the volume tubes, divided into at least two groups;

the inlet pipe of each group volume tube is connected with a main inlet pipe;
the outlet pipe of each group volume tube is connected with a main outlet pipe;

a drive mechanism is set for separately driving each volume tube group; and
the drive mechanism is simultaneously connected with a controller operated in complementary manner.

Claim 8 (new): The conveying device of claim 7, wherein the controller is a computer operated in differential manner.

Claim 9 (new): The conveying device of claim 8, including four pieces of volume tubes, divided into two groups, wherein two pieces of volume tubes in each group are connected in series, and the two groups are connected in parallel.

Claim 10 (new): The conveying device of claim 8, including four pieces of volume tubes which are connected in parallel at each fluid inlet and outlet, respectively.

Claim 11 (new): A conveying method with a multiple differential volume tube measurement quantity conveying device, in which multiple pieces of volume tubes are connected in groups, and a chief control computer is set for controlling the drive capability/delivery capacity, said method including the steps of:

- A) confirming the conveying state of any referenced tube group; and
- B) determining the compensatory conveying volume and the conveying state of the other volume tube groups according to a difference between the predetermined conveying volume and the conveying volume of the referenced volume tube groups.

Claim 12 (new): The conveying method of claim 11, wherein the conveying state includes uniform speed, uniform acceleration or uniform deceleration.